| Index of Claims | | | | | | | | | | | |
|-----------------|--|--|--|--|--|--|--|--|--|--|--|
| | | | | | | | | | | | |

Application/Control No.

10/735,730

Examiner

PARK ET AL.

Art Unit

Reexamination

Applicant(s)/Patent under

2879

Anthony J. Canning

Rejected **Allowed**

(Through numeral) Cancelled ÷ Restricted

Non-Elected Ν Interference

Appeal Α 0 Objected

| Image: Triangle of the control of the contr | Cla | aim | Date | | | | | | 1 | Cla | aim | Date | | | | | | | | | | |
|--|---------------|---------|----------------|--|----------|--|----------|--|--|--|--|------|-------|---------|-----------|---|--|----------|--|--|--|---|
| 1 √ 51 52 3 √ 55 53 4 √ 55 56 5 √ 55 56 7 √ 57 58 9 √ 59 59 10 √ 60 61 11 √ 62 63 13 √ 64 64 15 √ 66 67 16 √ 66 66 17 67 68 68 19 69 69 69 20 70 70 70 21 71 72 73 24 74 74 74 25 75 76 77 28 78 8 8 29 79 30 80 33 31 31 81 81 81 32 82 82 82 33 83 84 88 | <u> </u> | _ | | | | \Box | 1 | Γ | Ī | Γ | Г | l Ì | | | | | | | | | Г | Γ |
| Section Sect | Final | Origina | 12/9/06 | | | | | | | | | | Final | Origina | | | | | | | | |
| Section Sect | | 1 | V | | | | - | | | \vdash | \vdash | | | 51 | \dashv | - | | | | | ┢ | t |
| 3 \ 4 \ 5 | | 2 | | | | ╁╴ | | - | - | \vdash | \vdash | | | 52 | | | | | \vdash | _ | ┢ | t |
| 4 V | | 3 | | | | \vdash | \vdash | \vdash | | _ | | | | | \dashv | | | | | _ | | t |
| 5 V 6 V 7 V 8 V 9 V 10 V 60 60 11 V 62 63 13 V 64 64 15 V 66 66 17 67 18 V 68 69 20 70 21 71 22 72 23 73 24 74 25 75 26 76 27 77 28 78 29 79 30 80 31 81 32 82 33 83 34 84 35 85 36 86 37 87 38 88 39 99 40 90 | | | | _ | | | \vdash | \vdash | | _ | | 1 1 | | 54 | \exists | | | | | | | t |
| 6 | | 5 | | _ | _ | | - | | | | | 1 1 | _ | | | | | _ | | <u> </u> | Н | t |
| 7 \ \ 57 58 9 \ 58 59 9 \ 60 10 \ 60 11 \ 60 61 11 \ 62 63 11 \ 63 63 63 64 44 44 64 44 44 64 44 44 64 44 44 66 66 67 67 67 67 67 67 68 69 70 70 70 71 71 72 72 72 72 72 73 73 74 74 74 74 74 74 74 74 74 75 75 75 | | 6 | | ├- | _ | 一 | ┢ | | ! | - | | 1 1 | • | 56 | | | | | \vdash | | ┪ | t |
| S | | | | 1 | | | _ | | _ | \vdash | \vdash | 1 1 | | 57 | | | | _ | \vdash | \vdash | Т | t |
| 9 V 60 60 61 62 63 64 65 66 67 66 67 68 69 60 60 60 60 60 60 60 | | | | \vdash | _ | | ┪ | \vdash | _ | \vdash | | 1 1 | | | | | | \vdash | | | | t |
| 10 | - | 9 | | | \vdash | H | \vdash | | ┰ | - | ┰ | | | 59 | | | | - | | | Г | t |
| 11 | | | | | \vdash | | | ┪ | t | ┢ | | | - | 60 | | | | \vdash | \vdash | | ┢ | t |
| 12 \(\) | | | | | | | - | \vdash | | _ | | 1 | | | | | | _ | _ | \vdash | ┢ | t |
| 13 \(\) | \vdash | | | | | | - | \vdash | ┰ | _ | | | | 62 | | | | | - | _ | ┢ | t |
| 14 | - | | | | | \vdash | | \vdash | | _ | \vdash | | | 63 | | | | | - | - | ┢ | t |
| 15 V | | 14 | | | - | ┢ | ┢╾ | ╁ | - | | | | | 64 | | | - | ┢ | _ | | \vdash | t |
| 16 √ √ 66 67 68 19 68 69 70 71 72 72 72 73 74 72 73 74 74 75 75 76 77 77 77 77 77 77 77 77 77 77 77 77 79 30 80 81 82 83 33 82 83 33 82 83 33 83 83 83 83 83 83 84 84 84 88 89 90 90 90 90 90 90 90 90 90 94 94 94 94 94 94 94 94 94 94 94 94 94 95 96 96 97 97 98 99 | - | | | _ | | ┢ | _ | \vdash | | | | il | | 65 | \dashv | _ | - | - | - | | \vdash | t |
| 17 | <u> </u> | | | \vdash | _ | ┢ | \vdash | | - | | | 1 | | 66 | | _ | | - | | | T | t |
| 18 √ 68 69 19 70 71 72 21 72 72 73 23 73 74 74 25 75 76 77 28 79 78 79 30 80 81 81 31 81 81 82 33 83 83 83 34 84 84 85 36 37 87 88 39 80 89 90 40 90 90 41 42 92 92 93 43 94 94 94 45 96 96 96 47 48 98 99 | | | + | | - | | | | | - | 厂 | | | 67 | | | | \vdash | \vdash | | | t |
| 19 69 20 70 21 71 22 73 23 74 25 75 26 75 27 77 28 79 30 80 31 81 32 82 33 83 34 84 35 85 36 86 37 87 38 88 39 89 40 90 41 91 42 92 43 94 44 94 45 96 46 96 47 97 48 98 | | | | | | ╁ | | | | - | - | 1 | | 68 | | | \vdash | | Н | | ┢ | t |
| 20 70 21 71 22 73 24 74 25 75 26 75 27 77 28 79 30 80 31 81 32 82 33 83 34 84 35 85 36 86 37 87 38 88 39 89 40 90 41 91 42 92 43 94 44 94 45 96 46 96 47 97 48 98 | - | | ├ ` | \vdash | <u> </u> | | - | \vdash | \vdash | | | 1 | | | | | - | | H | | T | t |
| 21 71 22 72 23 73 24 74 25 75 26 76 27 77 28 79 30 80 31 81 32 82 33 83 34 84 35 85 36 86 37 87 38 89 40 90 41 91 42 92 43 94 44 94 45 95 46 96 47 97 48 98 | | | ╁╌ | _ | | \vdash | | | \vdash | - | 一 | 1 | | 70 | | | | | - | | ✝ | t |
| 22 72 23 73 24 74 25 75 26 76 27 77 28 79 30 80 31 81 32 82 33 83 34 84 35 85 36 86 37 87 38 88 39 90 41 91 42 92 43 94 45 95 46 96 47 96 48 98 49 99 | | 21 | ├ | \vdash | - | - | - | | \vdash | | \vdash | 1 | | | | | Ι | | | | 十 | t |
| 23 73 24 74 25 75 26 76 27 77 28 78 29 79 30 80 31 81 32 82 33 83 34 84 35 85 36 86 37 87 38 88 39 90 41 91 42 92 43 93 44 94 45 96 47 97 48 98 49 99 | | | ┢ | <u> </u> | | ╁ | - | | | | | 1 | | 72 | | _ | _ | | | | 一 | t |
| 24 74 25 75 26 76 27 77 28 77 29 79 30 80 31 81 32 82 33 83 34 84 35 85 36 86 37 87 38 89 40 90 41 91 42 92 43 93 44 94 45 95 46 96 47 97 48 98 | <u>├</u> | 23 | \vdash | | | \vdash | H | | \vdash | \vdash | \vdash | 1 | | 73 | 1 | | \vdash | - | - | _ | \vdash | t |
| 25 75 26 76 27 77 28 78 29 79 30 80 31 81 32 82 33 83 34 84 35 85 36 86 37 87 38 88 39 89 40 90 41 91 42 92 43 93 44 94 45 96 47 97 48 98 49 99 | | | \vdash | _ | _ | | H | | \vdash | | ╁ | 1 | | | | | | | | <u> </u> | 1 | t |
| 26 76 27 77 28 78 29 79 30 80 31 81 32 82 33 83 34 84 35 85 36 86 37 87 38 88 39 89 40 90 41 91 42 92 43 93 44 94 45 95 46 96 47 97 48 98 49 99 | | | ┢ | \vdash | - | \vdash | H | | \vdash | \vdash | ┢ | 1 | | | | _ | | | | | t | t |
| 27 28 77 29 79 30 80 31 81 32 82 33 83 34 84 35 85 36 86 37 87 38 88 39 89 40 90 41 91 42 92 43 93 44 94 45 95 46 96 47 97 48 98 49 99 | | | t | - | | <u> </u> | H | 一 | _ | | t | ii | | 76 | | _ | \vdash | _ | | — | ╅ | t |
| 28 78 29 79 30 80 31 81 32 82 33 83 34 84 35 85 36 86 37 87 38 88 39 89 40 90 41 91 42 92 43 93 44 94 45 95 46 96 47 97 48 98 49 99 | <u> </u> | | \vdash | - | | | \vdash | ╁ | \vdash | 1 | | 1 | | | \neg | _ | | | 1 | ! | ╁┈╴ | t |
| 29 79 30 80 31 81 32 82 33 83 34 84 35 85 36 86 37 87 38 88 39 89 40 90 41 91 42 92 43 93 44 94 45 95 46 96 47 97 48 98 49 99 | | | - | ┰ | \vdash | \vdash | ┪ | - | - | - | | | | 78 | | _ | _ | _ | | | T | t |
| 30 | | | H | | \vdash | | 1 | | ┢ | 一 | 一 | | | 79 | T | | \vdash | | | | T | t |
| 31 81 32 82 33 83 34 84 35 85 36 86 37 87 38 88 39 89 40 90 41 91 42 92 43 93 44 94 45 96 46 96 47 97 48 98 49 99 | | | H | T | \vdash | \vdash | | | ┪ | | ! | | - | 80 | T | | \vdash | | | 1- | ┢ | t |
| 32 82 33 83 34 84 35 85 36 86 37 87 38 88 39 89 40 90 41 91 42 92 43 93 44 94 45 95 46 96 47 97 48 98 49 99 | | | t | H | \vdash | \vdash | <u> </u> | | \vdash | | 1 | 1 | | | | | _ | | | Ι | ┢ | t |
| 33 83 34 84 35 85 36 86 37 87 38 87 39 89 40 90 41 91 42 92 43 93 44 94 45 95 46 96 47 97 48 98 49 99 | | 32 | ┢ | T | ┪ | 1 | † | | | | 1 | 1 1 | | | \neg | | | T | | \vdash | ⇈ | t |
| 34 84 35 85 36 86 37 87 38 88 39 89 40 90 41 91 42 92 43 93 44 94 45 96 47 97 48 98 49 99 | | | ╁╴ | - | - | 一 | <u> </u> | \vdash | \vdash | | t | 1 | | | \dashv | | \vdash | 1 | | 1 | ⇈ | t |
| 35 85 36 86 37 87 38 88 39 89 40 90 41 91 42 92 43 93 44 94 45 95 46 96 47 97 48 98 49 99 | | | \vdash | \vdash | | | ╁╌ | - | \vdash | \vdash | \vdash | 1 | | 84 | | | - | Т | Н | \vdash | T | t |
| 36 86 37 88 38 88 39 90 40 91 41 91 42 92 43 93 44 94 45 95 46 96 47 97 48 98 49 99 | $\overline{}$ | | \vdash | ┢ | \vdash | Г | T | T | <u> </u> | | 1 | 1 | | | | | | T | 1 | | ⇈ | t |
| 37 87 38 88 39 89 40 90 41 91 42 92 43 93 44 94 45 95 46 96 47 97 48 98 49 99 | | | ┢ | | | | 1 | \vdash | - - | | t^- | 1 | | 86 | H | | | \vdash | T | ┢ | ✝ | t |
| 38 88 39 90 40 91 41 91 42 92 43 93 44 94 45 95 46 96 47 97 48 98 49 99 | | | <u> </u> | | H | | | | İ | <u> </u> | | 1 | | | Н | | | | Ι | Г | ⇈ | t |
| 39 89 40 90 41 91 42 92 43 93 44 94 45 95 46 96 47 97 48 98 49 99 | | | | _ | Т | T | Т | \vdash | Ι | Г | T | 1 | | | \vdash | _ | <u> </u> | · | Ι- | Г | Т | T |
| 40 41 42 43 44 44 45 46 47 48 49 49 49 49 90 91 92 93 94 94 94 95 95 96 97 48 98 99 99 | | | Т | _ | | 1 | T | İΤ | † | | T | 1 | | | | | | Ι_ | | 1 | \vdash | t |
| 41 91 42 92 43 93 44 94 45 95 46 96 47 97 48 98 49 99 | | 40 | \vdash | \vdash | \vdash | t | \vdash | 1 | 1 | | T | | | 90 | | | | Т | T | T | T | t |
| 42 92 43 93 44 94 45 95 46 96 47 97 48 98 49 99 | | | | \vdash | | t | t | \vdash | T- | 1 | \vdash | 1 | | • | М | | | Г | \vdash | Г | \vdash | t |
| 43 93 44 94 45 95 46 96 47 97 48 98 49 99 | - | 42 | | t | | t | t | Т | Т | T - | † | 1 | | 92 | \Box | | | Ι- | T | Ī | Т | † |
| 44 94 45 95 46 96 47 97 48 98 49 99 | | 43 | T | | | t | T | П | 1 | \vdash | \vdash | 1 | | | \vdash | | | 1 | \vdash | 1 | Т | T |
| 45 95 96 96 97 48 98 98 99 99 99 99 | | | T | \vdash | \vdash | t | T | | | \vdash | | 1 | | | | | | | | 1 | \vdash | t |
| 46 | | | Т | Т | \vdash | T | T | | Τ | T- | | 1 | | 95 | П | | T | | | Г | Г | T |
| 47 | | | | T | | Ť | | 1 | 1 | 1 | Г | 1 | | 96 | \Box | | Γ | Γ | | Г | П | T |
| 48 98 99 | | | | Т | Т | T | T | <u> </u> | 1 | \vdash | \vdash | 1 | | 97 | \vdash | _ | | Г | T | 1 | T | T |
| 49 99 99 | — | | 1 | | | <u> </u> | | Τ_ | T | 1 | Т | 1 | | 98 | \Box | | | Г | T | | | Ť |
| 50 100 100 | T. | | T | Г | Г | Π | 1 | T | | Ι | | 1 | | | | | Г | | T | Π | \vdash | T |
| | | 50 | 1 - | | | Г | | | | Π | | 1 | | 100 | | | | Г | T | T | | Ť |

| Cla | im | | | | C | Date | | | | |
|----------|----------|----------|----------|--|--|--|-------------|----------|--------------|----------|
| | | | | | | | | | | |
| Final | Original | | | | | | | | | |
| | 51 | | | | | | | | | |
| | 52 | | | | | | | | | |
| | 52 53 | | | | | | | | | |
| | 54 | | | | | | | | | |
| | 55 | | | | | | | | | |
| | 56 | | | | | \neg | | | | |
| | 57 | | | | | | | | | |
| | 58 | | | | | | | | | |
| | 59 | | | | | | | | | |
| | 60 | | - | | | | | | | _ |
| | 61 | | | | | | | | | |
| | 62 | | | | | | | | | |
| | 63 | | | | | | | | | |
| | 64 | | | | | | | | | |
| | 65 | | | | | | | | | |
| | 66 | | | | | | | | | |
| | 67 | | | | | | | | | |
| | 68 | | | | | | | | | |
| | 69 | | | | | | | | | |
| | 70 | | | | | | | | | |
| | 71 72 | | | | | | | | | |
| | 72 | | | | | | | | | |
| | 73 | | | L | | | | | | |
| | 74 | | | L | _ | | | | _ | |
| | 75 | | | <u> </u> | <u> </u> | | _ | | | |
| - | 76 | | | | <u> </u> | | _ | | | |
| - | 77 78 | | | <u> </u> | | | | | | |
| <u> </u> | 79 | | | <u> </u> | _ | - | | | | |
| <u> </u> | 80 | | | <u> </u> | _ | | - | | | |
| - | 81 | | | | - | | - | | _ | |
| | 82 | \vdash | | | | \vdash | \vdash | | | |
| — | 83 | \vdash | _ | \vdash | - | - | - | | | |
| <u> </u> | 84 | \vdash | | | \vdash | Н | \vdash | \vdash | | - |
| \vdash | 85 | H | - | \vdash | \vdash | | - | - | | \vdash |
| - | 86 | Н | | Н | | \vdash | | _ | | _ |
| | 87 | \vdash | | | | | \vdash | \vdash | | |
| | 88 | | \vdash | | | | Т | Н | \vdash | \vdash |
| | 89 | | \vdash | T | Ι- | | | | | Г |
| | 90 | | | | | | Г | | П | Г |
| | 91 | | | | Γ | | Г | | Г | Г |
| | 92 | | | | | | | | | |
| | 93 | | | | | | | | | |
| | 94 | | | | | | | | | |
| | 95 | <u>L</u> | | <u> </u> | <u> </u> | $oxedsymbol{oxed}$ | | | | L |
| | 96 | <u> </u> | L_ | L_ | <u> </u> | _ | L | | <u> </u> | _ |
| | 97 | <u> </u> | | <u> </u> | <u> </u> | <u> </u> | _ | L_ | L | <u> </u> |
| | 98 | <u> </u> | | <u> </u> | - - | | \vdash | <u> </u> | | <u> </u> |
| | 99 | <u> </u> | L. | - | <u> </u> | | \vdash | | <u> </u> | \vdash |
| l l | 100 | 1 . | | 1 | ı | ı | ı | ı | l | l |

| Cla | | | | Г | Date | | _ | _ | \neg | |
|---------------|---------------------------------|----------|----------|--|----------|--------------|--|--|----------|----------|
| | 1 | | | | Ť | - | Ĺ | | | H |
| Final | Original | | | | | | | | | |
| Ë | igi | | | | | | | | | |
| <u> </u> | ō | | | | | | | | | |
| | 101 | \vdash | - | | | - | | | | - |
| | 101 102 103 | | | | | | | | | - |
| | 102 | | | | | _ | | | _ | - |
| | 103 | Н | | | | _ | _ | | - | \vdash |
| | 104 105 | | | | | — | | | - | - |
| | 106 | | - | | | | | | | \dashv |
| | 107 | - | _ | | | | | | _ | \dashv |
| | 108 | | | | | | | _ | _ | - |
| | 100 | | | | | | | _ | | \dashv |
| | 110 | Н | | _ | _ | - | | | | |
| | 109 110 111 | \vdash | - | | | | | \vdash | | \vdash |
| | 112 | \vdash | | | \vdash | <u> </u> | \vdash | | - | \vdash |
| | 112 | Н | | | | | \vdash | \vdash | - | H |
| | 114 | H | | | - | | \vdash | - | Н | \dashv |
| | 112 113 114 115 116 | H | | | H | - | | | \vdash | Н |
| | 116 | \vdash | | \vdash | Н | | | - | <u> </u> | \dashv |
| | 117 | \vdash | - | - | | | \vdash | | <u> </u> | \dashv |
| | 118 | \vdash | | - | | | - | \vdash | \vdash | \dashv |
| | 119 | | | | _ | \vdash | - | | | Н |
| | 120 | | | | _ | - | \vdash | | _ | \vdash |
| | 120 121 122 | | | - | _ | ┢ | \vdash | | | H |
| | 122 | | | | | \vdash | - | Η. | | - |
| | 123 | | | | | \vdash | | H | | Н |
| | 123 124 125 | | _ | | | - | \vdash | \vdash | | \vdash |
| | 125 | | _ | _ | - | - | H | | | Н |
| | 126 | | | | Н | \vdash | | | | Н |
| | 126 127 128 129 130 | - | - | | ┢ | \vdash | \vdash | <u> </u> | | Н |
| | 128 | \vdash | | | _ | \vdash | - | | _ | Н |
| | 129 | - | _ | | \vdash | - | \vdash | | | Н |
| | 130 | _ | | | | ┢ | \vdash | \vdash | _ | Н |
| | 131 | - | | | \vdash | \vdash | \vdash | \vdash | \vdash | \vdash |
| | 132 | | | | | | | \vdash | - | |
| | 131 132 133 | | | | - | \vdash | | \vdash | \vdash | H |
| | 134 | Т | \vdash | \vdash | | <u> </u> | \vdash | | \vdash | \vdash |
| - | 135 | <u> </u> | _ | \vdash | Ι | Н | | | \vdash | Н |
| | 134 135 136 | \vdash | _ | <u> </u> | | - | | | | H |
| | 137 | | | <u> </u> | | | 1 | _ | | М |
| | 137 138 | \Box | | | _ | <u> </u> | | | | П |
| | 139 | | Г | | \vdash | | | Ħ | <u> </u> | М |
| | 140 | | | l | | | Г | | Г | М |
| - | 141 | П | | | Т | Г | | | | П |
| | 142 | П | | \vdash | Г | | Π | | Г | П |
| | 143 | | | | | | | | | П |
| | 144 | | | | | | | | Г | |
| \vdash | 145 | Г | | | <u> </u> | | | | | П |
| | 146 | Ι | | i | Γ | Г | П | | Т | П |
| | 147 | | П | | Π | | | | Г | П |
| | 148 | | Г | | | | T | | | П |
| | 149 | Г | | Г | _ | Г | П | Г | Γ | П |
| | 150 | | | | <u> </u> | 1 | \vdash | Г | | П |
| $\overline{}$ | | | | | | | | | | |